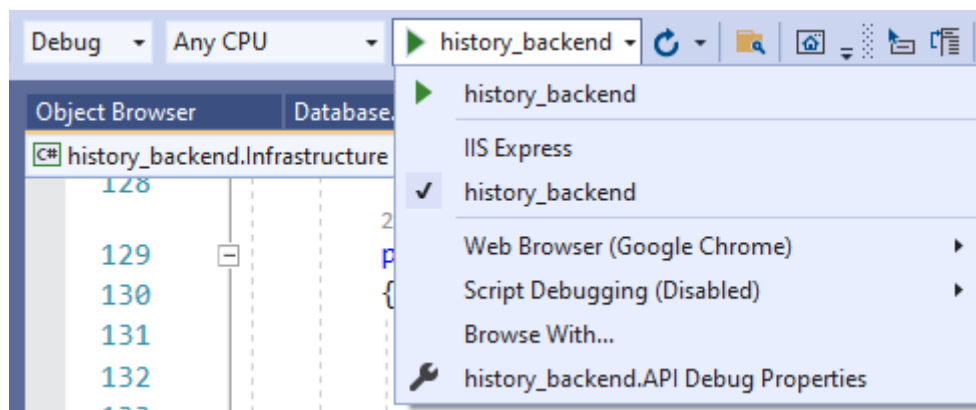# Installation guide

The following software is necessary to run the application:

- Visual Studio
- MongoDB
- NodeJS (version 10 minimum)
- (Optional) Yarn
- .NET 5.0

After extracting the zip file at a convenient location, open the **history_backend** folder and the **history_backend.sln** solution file in it in Visual Studio and start in the following way:



If you see messages like this in the terminal that just opened, the application started successfully:



To launch the frontend, navigate to the **history_frontend** folder and in a terminal, execute the command `yarn` to install the necessary packages, then `yarn dev` to start it. During the development process, I mainly used the yarn package manager, however, `npm install` and `npm run dev` can also be used.

(Optional) An initial state of the database can be set by importing the two collections found in the **database** folder with the following commands:

```
mongoimport --db history --collection articles --jsonArray --drop --file ./articles.json
```

```
mongoimport --db history --collection users --jsonArray --drop --file ./users.json
```

Four articles will be added and an administrator user with the following details:

**Email address:** admin@admin.hu

**Password:** password

The administration area cannot be accessed using a link, only by manually navigating to the **/admin** subpage (for example: http://localhost:3000/admin), which is also where registration and login are possible. Registered users cannot access the admin area by default, they must be given access by an administrator first.